

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/02387

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F28D1/04 F28F2/02 F01P7/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F28D F28F F01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 353 757 A (KATOH ATSUSHI ET AL) 11 October 1994 (1994-10-11) column 12, line 16 -column 14, line 47; figures 1-30	1,2,14, 17,21
A	---	7-13,15, 16
A	US 5 101 640 A (FUKUSHIMA TOSHIHIKO ET AL) 7 April 1992 (1992-04-07) column 6, line 3 -column 17, line 55; figures 1-24	1-22
A	DE 101 02 640 A (BAYERISCHE MOTOREN WERKE AG) 25 July 2002 (2002-07-25) column 4, line 19 -column 7, line 41; figures 1-4	1,2, 14-16
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

5 February 2004

16/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 417 926 A (ROVER GROUP) 20 March 1991 (1991-03-20) column 3, line 29 -column 6, line 57; figures 3-6	1-22
A	WO 02 48516 A (SONG YISEOK ; KIM YOUNGJIN (KR); SAMSUNG CLIMATE CONTROL CO LTD (KR) 20 June 2002 (2002-06-20) page 7, line 15 -page 14, line 32; figures 1-8	1-22
A	FR 2 682 160 A (RENAULT VEHICULES IND) 9 April 1993 (1993-04-09) page 4, line 12 -page 9, line 10; figures 1-8	1-22
A	DE 198 54 544 A (MOTOREN TURBINEN UNION) 8 June 2000 (2000-06-08) column 3, line 35 -column 5, line 59; figure 1	1-22
A	EP 0 499 071 A (BEHR GMBH & CO) 19 August 1992 (1992-08-19) column 4, line 16 -column 11, line 34; figures 1-8	1-22
A	GB 1 155 115 A (S.A. DES USINES CHAUSSON) 18 June 1969 (1969-06-18) page 2, line 90 -page 5, line 22; figures 1-10	1-22
A	US 4 432 410 A (CADARS PATRICK) 21 February 1984 (1984-02-21) column 2, line 67 -column 10, line 28; figures 1-24	1-22